

REMARKS/ARGUMENTS

1.) Claim Amendments

The Applicant has amended claims 6, 8, 10, 16-17, 19, 21, 22-23; claims 1, 11 and 20 have been canceled; and claims 2-3 and 12-13 were previously canceled. Accordingly, claims 4-10, 14-19, 21-23 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

2.) Allowable Subject Matter

The Applicant gratefully acknowledges the allowance of claims 4-5, 7 and 14-15 and the conditional allowance of claims 21 and 22. In paragraph 9 of the Office Action, the Examiner objected to claims 21-22 as being dependent on a rejected base claim, but stated that these claims would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The Applicant has rewritten the claims in this manner. Therefore, the withdrawal of the objection and the allowance of claims 21-22 are respectfully requested.

3.) Claim Rejections – 35 U.S.C. § 102(b)

The Examiner rejected claims 1, 11 and 20 under 35 U.S.C. § 102(b) as being anticipated by Currie (US 5,974,433). The Applicant has canceled claims 1, 11 and 20.

4.) Claim Rejections – 35 U.S.C. § 103(a)

The Examiner rejected claims 6, 16 and 23 under 35 U.S.C. § 103(a) as being unpatentable over Currie in view of Smeets, et al. ("Windmill pn-sequence generators"). The Applicant has amended (1) claim 6 to rely on allowed claim 5 and recite a further limitation in combination with the novel elements of claim 5, (2) claim 16 to rely on allowed claim 15 and recite a further limitation in combination with the novel elements of claim 15, and (3) claim 23 to rely on conditionally allowed claim 22 and recite a further limitation in combination with the novel elements of claim 22. Therefore, the allowance of claims 6, 16 and 23 is respectfully requested.

The Examiner rejected claims 8-10 and 17-19 under 35 U.S.C. § 103(a) as being unpatentable over Currie in view of Saints, et al. (US 6,430,170). Claims 8 and 10 have been amended to depend directly or indirectly from allowed claim 7 and recite further limitations in combination with the novel elements of claim 7, and claims 17 and 19 depend directly or indirectly from allowed claim 15 and recite further limitations in combination with the novel elements of claim 15. Claims 9 and 18 now depend on allowed claims 7 and 15 respectively. Therefore, the allowance of claims 8-10 and 17-19 is respectfully requested.

CONCLUSION

In view of the foregoing remarks, the Applicant believes claims 4-10, 14-19, 21-23 currently pending in the Application to be in a condition for allowance. The Applicant, therefore, respectfully requests that the Examiner issue a Notice of Allowance for all pending claims.

The Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,

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